HUAWEI U8520-1

User Guide

Reading Before Proceeding

Safety Precautions

Please read the safety precautions carefully to ensure the correct use of your mobile phone.

Do not crash, throw, or puncture your mobile phone. Avoid the falling, squeezing, and bending of your mobile phone.

Do not use your mobile phone in a moist environment, such as the bathroom. Prevent your mobile phone from being soaked or washed in liquid.

Do not switch on your mobile phone when it is prohibited to use phones or when the phone may cause interference or danger.

Do not use your mobile phone while driving.

Follow any rules or regulations in hospitals and health care facilities. Switch off your mobile phone near medical apparatus.

Switch off your mobile phone in aircraft. The phone may cause interference to control equipment of the aircraft.

Switch off your mobile phone near high-precision electronic devices. The phone may affect the performance of these devices.

Do not attempt to disassemble your mobile phone or its accessories. Only qualified personnel are allowed to service or repair the phone.

Do not place your mobile phone or its accessories in containers with a strong electromagnetic field.

Do not place magnetic storage media near your mobile phone. Radiation from the phone may erase the information stored on them.

Do not put your mobile phone in a high-temperature place or use it in a place with flammable gas such as a gas station.

Keep your mobile phone and its accessories away from children. Do not allow children to use your mobile phone without guidance.

Use only approved batteries and chargers to avoid the risk of explosions.

Observe any laws or regulations on the use of wireless devices. Respect others' privacy and legal rights when using your wireless device.

Strictly follow the relevant instructions of this manual while using the USB cable. Otherwise your mobile phone or PC may be damaged.

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export or import the product mentioned in this manual including the software and technical data therein.

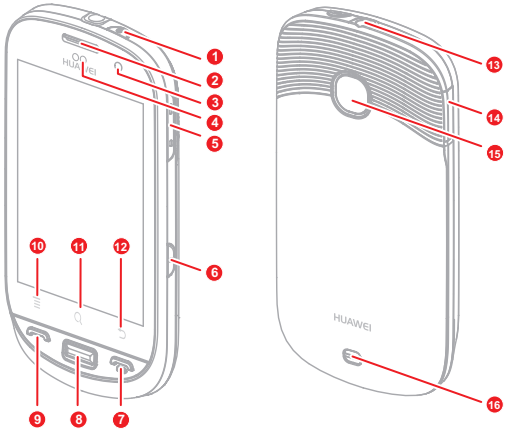
Getting Started

Appearance

Phone at a Glance

Note:

All the figures in this guide are for your reference only. The actual appearance and display features depend on the mobile phone you purchase.



1	Power key	2	Earpiece
3	Front camera	4	Proximity sensors
5	Volume keys	6	Capture key
7	End key	8	Home key
9	Send key	10	Menu key

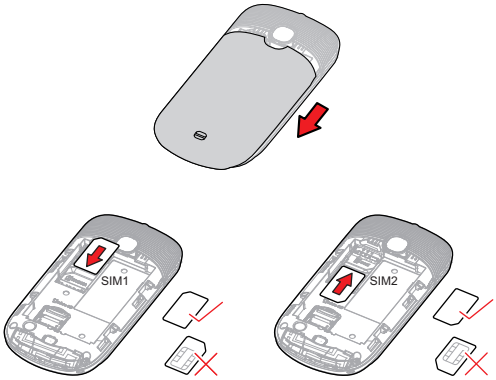
11	Search key	12	Back key
13	Headset jack	14	Charging/Data interface
15	Camera	16	Speaker

Key Functions at Your Fingertips

Power key	• Press to power your phone on. • Press and hold to open the **Phone options** menu. • Press to lock the screen when your phone is powered on.
Send key	• Press to go to the **Call Log** screen. • Press to call an entered number. • Press to answer a call.
Menu key	Press to open the menu on an active screen.
Back key	• Press to return to the previous screen. • Press to exit any application you are running.
End key	Press to end a call.

Setting Up Your Phone

Installing the SIM Cards



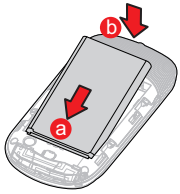
1. Remove the battery cover.
2. Insert the subscriber identity module (SIM) cards as shown in the figure.

Note:

When inserting a SIM card, ensure that the gold contact area faces down.

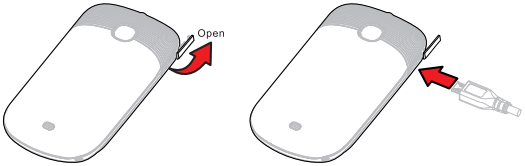
Card slot 1 supports WCDMA and GSM networks while card slot 2 supports only GSM networks. If you want to use a SIM card supporting WCDMA networks on your phone, insert the card in card slot 1 for better network services.

Installing the Battery



1. Remove the battery cover.
2. Insert the battery at a downward angle (a) and move it slightly forward until it snaps into place at (b).
3. Replace the battery cover.

Charging the Battery



Before charging the battery, ensure that it has been properly inserted on your phone.

1. Connect the USB cable that came with your mobile phone to the charger.
2. Connect the other end of the USB cable to your phone. Then, to start charging, plug the charger into an electrical outlet.

Important Information About the Battery

- If the battery has not been used for a long time, you may not be able to power on your mobile phone immediately after you begin charging the battery. Allow the battery to charge for a few minutes with the phone powered off before attempting to power the phone on.
- Over time, the battery will not hold a charge for as long as it did when it was new. When the battery life becomes noticeably shorter than usual after being charged properly, replace the battery with a new one of the same type.
- Using data services increases demand on the battery and will reduce the length of time it can hold a charge.
- The time required to charge the battery depends on the environmental temperature and the age of the battery.
- When the battery power level is low, the phone plays an alert and displays a prompt. When battery power is almost exhausted, your phone will power off automatically.

Powering Your Phone On or Off

Powering Your Phone On

Press the Power key to power your phone on.

Note:

If personal identification number (PIN) protection is enabled on your phone, you must enter your PIN before using the phone.

Powering Your Phone Off

1. Press and hold the Power key to open the **Phone options** menu.
2. Touch **Power off** > **OK**.

Using the Touchscreen

Touchscreen Actions

- **Touch**: Tap the screen with your finger to select an item, confirm a selection, or start an application.
- **Touch and hold**: Touch an item with your fingertip and continue to press down until your phone responds. For example, to open the options menu for the active screen, touch the screen and hold down until the menu appears.
- **Flick**: Move your finger across the screen either vertically or horizontally. For example, flick left or right to switch between pictures.
- **Drag**: Touch and hold the desired item with your finger. Drag the item to any part of the screen. You can drag an icon to move or delete it.

Rotating Your Phone Screen

The orientation of most screens will rotate with the phone as you turn it from upright to sideways and back again.

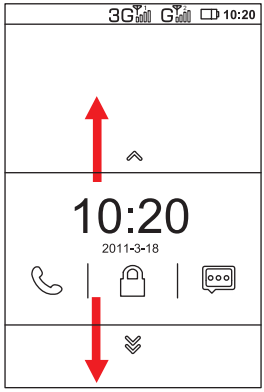
Locking and Unlocking the Screen

Locking the Screen

- When your phone is on, press the Power key to lock the screen. When the screen is locked, you can still receive messages and calls.
- If you leave your mobile phone undisturbed for a while, the screen will lock automatically.

Unlocking the Screen

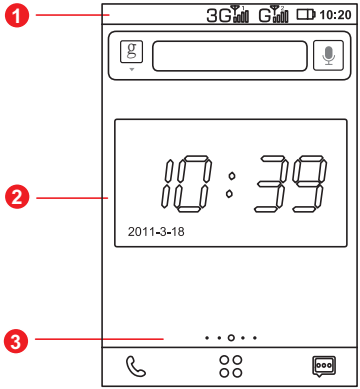
Press the Power key to wake up the screen. Then drag the lock icon up or down to unlock the screen.



Note:

If you have set up a screen unlock pattern, you will be prompted to draw the pattern on the screen to unlock it.

Home screen



1	**Notification bar**: Displays notifications and status icons for your mobile phone. Flick down to open the notification panel.
2	**Display area**: Shows the date and time.
3	**Home screen and extension indicator**: Indicates the number of home screen extensions.The yellow dot indicates the current screen.

Notifications and Status Information

Notification and Status Icons

	Call in progress		Call in progress using a Bluetooth device
	Missed call		New calendar reminder
	More undisplayed notifications		Preparing the mircoSD card
	Roaming		Signal strength
	Airplane mode		Bluetooth on
	Connected to another Bluetooth device		Connected to a Wi-Fi network
	Speaker on		Sound off
	Vibration mode		Microphone off

	Battery full		Extremely low battery
	Charging battery		Music playing
	Alarm enabled		New email
	New message		

Notification Panel

Your mobile phone will notify you when you receive a new message or there is an incoming event. The notification panel also informs you of alarms and settings. For example, you will be notified when **Call forwarding** is activated. Open the notification panel to see your network operator or to view a message, reminder, or event notification.

Opening the Notification Panel

1. When a new notification icon appears on the notification bar, touch and hold the notification bar, and flick down to open the notification panel.
2. On the notification panel, you can:
   - Touch a notification to open the relevant application.
   - Touch **Clear** to clear all notifications.

Closing the Notification Panel

Touch and hold the bottom of the panel. Then flick up or touch ⮌ to close.

Adding a Home Screen Item

1. Touch and hold the blank area on the Home screen until the **Add to Home screen** menu is displayed.

2. Select an item to add it to the Home screen.

Moving a Home Screen Item

1. Touch and hold an item on the Home screen until the item enlarges and the phone vibrates.
2. Without lifting your finger, drag the item to the desired position on the Home screen, and then release your finger.

Removing a Home Screen Item

1. Touch and hold an item on the Home screen until the item enlarges and the phone vibrates.
2. Without lifting your finger, drag the item to the trash can.
3. When the item turn red,release your finger to remove it from the Home screen.

Widgets

A widget works as a shortcut to let you preview or use an application. Several widgets have been installed on your phone by default. You can download more widgets from Android Market.

To add a widget to the Home screen:

1. Touch and hold the blank area on the Home screen to open the **Add to Home screen** menu.
2. Touch **Widgets** to open the **Choose widget** menu.
3. Touch the widget you want to add to the Home screen.

Folders

Adding a Folder to the Home screen

1. Touch and hold the blank area on the Home screen to open the **Add to Home screen** menu.Touch **Folders** to open the **Select folder** menu.
2. Select the folder you want to add to the Home screen.

Renaming a Folder on the Home screen

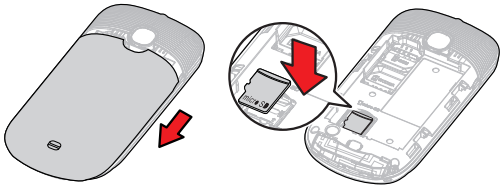
1. On the Home screen, touch the folder you want to rename to open it. Touch and hold the title bar of the folder to open the **Rename folder** dialog box.
2. In **Folder name**, enter the new folder name, and touch **OK**.

Changing the Wallpaper

1. On the Home screen, press , and touch **Wallpaper** to open the **Select wallpaper from** menu.
2. Do any of the following:
   - Touch **Gallery** to select a picture and set it as the wallpaper.
   - Touch **Live Wallpapers** to select a picture and set it as the wallpaper.
   - Touch **Wallpapers** to select a picture and set it as the wallpaper.

Using a microSD Card

Installing the microSD Card



1. Remove the battery cover.
2. Insert the microSD card into the card slot as shown in the figure.

Note:

When inserting the microSD card, ensure that the gold contact area faces down.

Using the microSD Card as USB Mass Storage

To transfer all your favorite music and pictures from your PC to your phone's microSD card, set the microSD card as USB mass storage.

1. Connect your phone to your PC with the USB cable provided. Your PC will detect the microSD card as a removable storage device.
2. Touch **Mount sdcard to your computer** in the dialog box that opens to confirm that you want to transfer files. You can now transfer files from your PC to your phone's microSD card.

Tip:

You can also touch > **Settings** > **USB connect settings** > **Auto USB storage mode** to use the microSD card as USB mass storage.

Note:

When your microSD card functions as USB mass storage, your phone will not use this memory space.

Removing the microSD Card

1. Touch > **Settings**.
2. Scroll down the screen, and touch **SD card & phone storage** > **Unmount SD card**.
3. Touch **OK** to remove the microSD card.

Calling

To make a phone call, you can dial a number using the dialer or touch a number saved in your contact list, on a web page, or in a document. When you are in a call, you can answer other incoming calls or redirect them to your voicemail. You can also set up conference calls with several participants.

Note:

Your phone is Dual-SIM, Dual-Standby. When you are in a call using one SIM card, the other SIM card is out of service and you cannot use it to receive other calls.

Making a Call

To make a call, you can use the **Phone** application, or select a number from **Contacts** or **Call Log**.

When you are in a call, you can press ⮌ to return to the Home screen and use other functions. To return to the calling screen, flick the notification bar down and touch **Current call**.

Note:

Do not block the microphone at the bottom of your phone if you want your voice heard by the other parties in a call.

Making a Call with the Dialer

1. Touch ⁘ > **Phone** to display the dialer.
   If you are already working with **Contacts** or **Call Log**, touch the **Dialer** tab.
2. Touch the appropriate number keys to enter the phone number.
   Tip: Your phone supports the SmartDial function, that is, when you touch numbers on the dialer, the phone automatically

searches among your contacts and lists the matching results ordered according to the accuracy of the match. If no contact matches the information entered, the phone will not display any result.

3. Touch **SIM1** or **SIM 2** to initiate the call.

Making a Call from Contacts

1. Touch > **Contacts** to display the contact list.
   If you are already working with **Dialer** or **Call Log**, touch the **Contacts** tab.
2. In the list, touch the contact you want to call.
3. Touch **Call** and then select **SIM1** or **SIM 2** to dial the phone number.

Making a Call from Call Log

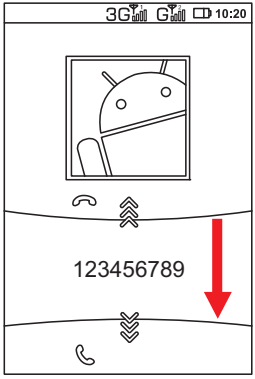
1. Touch > **Phone** > **Call Log** to display the call log.
   If you are already working with **Contacts** or **Dialer**, touch the **Call Log** tab.
2. Touch the log entry you want to call.
   Tip: If you touch and hold the log entry, a menu containing multiple options will open.

Answering and Rejecting a Call

Answering a Call

When you receive a phone call, the incoming call screen opens. If you have previously saved the caller's number in **Contacts**, the caller's name and number are displayed. If the caller's number is not saved in **Contacts**, the caller's number is displayed.

Drag down or press to answer the call.

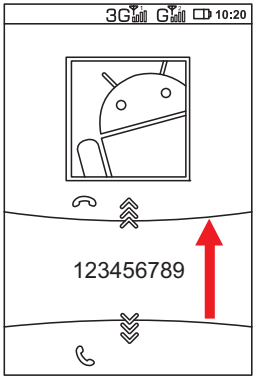


Ending a Call

During a call, press **End call** to hang up.

Rejecting a Call

Drag up or press to reject the call.



Other Operations During a Call

Making a Conference Call

If you receive a new call while you are already in a call, you can add the second call to the call you are in. This feature is known as conference calling. You can also set up a conference call with multiple callers.

Note:

Contact your network operator to learn whether conference calls are supported and if yes, how many parties can participate.

1. To initiate a conference call, dial the number of the first participant. After you have connected to the first participant, press , and touch **Add call**.
2. Enter the phone number of the next person you want to invite for the conversation and press , or select someone from your **Call Log** or **Contacts**. The first

participant is automatically placed on hold while you do this.

3. Once you have connected to the second person, press , and touch **Merge calls** to begin the conference call.
4. To add more people, touch **Add call** and repeat steps 2 and 3.
5. To disconnect someone from the call or to privately talk to someone, press , and touch **Manage conference call**.
6. To end the conference call and disconnect from everyone, press .

Switching Between Calls

If you are already in a call and a second call comes in, you can press and touch **Hold current call&answer** to place the first call on hold and connect to the second call.

Using Call Log

Call Log contains a list of calls that you have dialed, received, or missed. You can use **Call Log** to quickly find a recently called number or add an incoming number to your contact list.

Adding an Entry to Contacts

1. Touch > **Contacts**> **Call Log** to display the call log.
2. Touch and hold the entry you want to add to **Contacts**.
3. In the displayed menu, touch **Add to contacts**.

4. Touch **Save as new** or **Add to Existing**.If you touch **Add to Existing**, scroll through the contact list and touch an existing contact name.

Using Airplane Mode

Some locations may require you to turn off your phone's wireless connections. Rather than powering your phone off, you can place it in **Airplane mode**.

1. Press and hold the power key to open the **Phone options** menu.
2. Touch **Airplane mode**.

Contacts

The Contacts application enables you to save and manage information such as phone numbers and addresses of your contacts. After you save contact information on your phone, you have easy access to the people with whom you want to communicate.

Opening the Contacts Application

If you have not yet added any contacts to your phone, **Contacts** displays a message with hints on how to start adding contact information.
To open the **Contacts** application:

- On the home screen, touch > **Contacts**.
- On the home screen, press , and touch the **Contacts** tab.

All your contacts are alphabetically displayed in a list that you can scroll through.Each contact is followed by a phone number that you have set as the contact's default phone number.

Importing Contacts from a SIM Card

1. Open the contact list, press , and touch **Import/Export** > **Import from USIM/SIM card**.
2. Touch **Import all contacts** or **Select and import contacts**, then touch **OK**.
3. Wait for the SIM card contents to be loaded.If you have touched **Import all contacts** > **OK**, all contacts saved on your SIM card are imported.

4. If you have touched **Select and import contacts** > **OK**, select the contacts you want to import, and touch ✓ in the top right corner of the screen.

Adding a Contact

1. Open the contact list, press ☰, and touch **New contact**.
   Tip: you can also open the contact list, and touch **+**.
2. In the **Save contact to** menu, touch **Phone**, **SIM1** card or **SIM2** card to select the storage where you want to save the contact.
3. Enter the contact's name, and add detailed information such as the contact's phone number or address.
4. When you are finished, touch **Save** to save the contact information.

Adding a Contact to Your Favorites

To add a contact to your **Favorites**, open the contact list, and do any of the following:

- Touch and hold the contact you want to add to **Favorites**. Then touch **Add to favorites**.
- Touch a contact, and then touch the star next to the contact's name to make the star turn gold.

Searching for a Contact

1. Open the contact list, press ☰, and touch **Search**.
   Tip: You can also open the contact list, and touch 🔍.

2. Enter the name of the contact you want to search for. As you type, contacts with matching names appear below the search box.

Editing a Contact

You can make changes to the information you have stored for a contact at any time.

1. Open the contact list, touch and hold the contact whose details you want to edit, and touch **Edit contact** in the displayed menu.

   You can also press , and then touch **Edit contact** while viewing a contact's details.

2. Touch the text field where you want to make a change, such as **First name**, **Last name**, **Phone** or **Email**.

3. Make the desired changes to the contact information, and touch **Save**. To cancel all changes you made to the contact information, touch **Cancel**.

Communicating with Your Contacts

From the **Contacts** or **Favorites** tab, you can quickly call or send a text (SMS) or multimedia message (MMS) to a contact's default phone number. You can also open details to view a list of all the ways you can communicate with that contact. This section describes how to communicate with a contact when you are viewing your contacts list.

Connecting Quickly with Your Contact

1. Touch the contact's picture or picture frame (if you have not assigned a picture to the contact) to open Quick

Contact for Android, which allows you to quickly initiate a connection to your contacts.

2. Touch the icon for the way you want to communicate with the contact.

   Note: The icons available depend on the information you have entered for the contact, the applications installed on your phone, and the accounts you have.

Communicating with a Contact

1. Open the contact list, and touch the contact that you want to communicate with.
2. On the contact's details screen, touch **Message** or **Call** to send a message or make a call to the contact.

Deleting a Contact

1. Open the contact list, touch and hold the contact that you want to delete, and touch **Delete contact** in the displayed menu.
2. Touch **OK** to confirm that you want to delete the contact.

Using the Onscreen Keyboard

Displaying the Keyboard Panel

To enter text, use the onscreen keyboard. Some applications automatically open the keyboard. In others, touch the text field where you want to enter text to open the keyboard.

To hide the keyboard, press ⮌ .

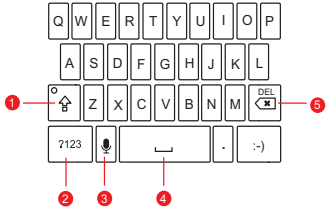
Tip:

Touch and hold a text field to open the **Edit text** menu.

Choosing an Input Method

1. Touch and hold a text field until the **Edit text** menu is displayed.
2. Touch **Input method**.
3. Select the desired method.The onscreen keyboard is automatically displayed.

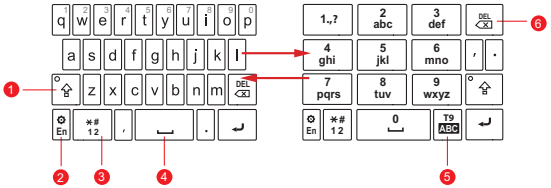
Using the Android Keyboard



1	Touch to change from uppercase to lowercase.
2	Touch to change from text mode to symbol/ number mode.

3	Touch to enter text by voice.
4	Touch to insert a space in your text.
5	Touch to delete the character to the left of the cursor. Touch and hold to delete all characters to the left of the cursor.

Using the Huawei IME Keyboard



1	Touch to toggle the keyboard to lower case, upper case, and all caps.
2	Touch to change language entry mode.Touch and hold to access keyboard setting.
3	Touch to change from text mode to symbol/ number mode.
4	Touch to insert a space.
5	Touch to toggle between T9 mode and multitap mode.
6	Touch to delete a character. Touch and hold to delete an entire word.

Using the Landscape Keyboard

If you find the keyboard inconvenient or difficult to use, turn your phone sideways. The screen will display the keyboard in landscape orientation, providing you with a wider keyboard layout.

Customizing Keyboard Settings

Touch > **Settings** > **Language & keyboard** > **Android keyboard** to customize Android keyboard settings.

Vibrate on keypress	Select to set the phone to vibrate each time you touch a key on the onscreen keyboard.
Sound on keypress	Select to play a brief sound each time you touch a key on the onscreen keyboard.
Auto-capitalization	Select to set the onscreen keyboard to automatically capitalize the first letter of the first word after a period, the first word in a text field, and each word in name fields.
Quick fixes	Select to correct common spelling mistakes as you type.
Show suggestions	Select to display suggested words as you type.

Auto-complete	Select to automatically enter a suggested word, highlighted in orange in the strip above the keyboard, when you enter a space or punctuation.

Message

The **Message** application allows you to exchange text and multimedia messages with anyone using a phone supporting the Short Message Service (SMS) and the Multimedia Messaging Service (MMS). With the **Email** application you can receive and send emails.

SMS and MMS

Opening Message

- On the home screen, touch .
- On the home screen, touch > **Message**.

Sending a Text Message

1. Touch > **Message**, then touch the icon in the top left corner of the screen.
2. Enter a phone number in **To**, or touch **+** to select a contact from **Contacts**.

   As you enter the phone number, matching contacts appear. You can touch a suggested recipient or continue entering the phone number.
3. Touch **Compose** to start writing your message.

   While writing the message, you can press to save the message as a draft in your message list. To continue writing the message, touch the message.
4. When you finish the message, touch **Sim1** or **Sim2** to send the message.

The message list opens, and your name appears in the list, followed by the message you just sent. Responses appear in

the window. As you view and send additional messages, a message thread is created.

Sending a Multimedia Message

1. Touch > **Message**, then touch the icon in the top left corner of the screen.
2. Enter a phone number in **To**, or touch **+** to select a contact from **Contacts**.
3. Touch **Compose** to start editing your message.
   Tip: If you want to enter a smiley, touch the icon next to the **Compose** text field, and then touch smiley icon at the botttom of the screen.
4. Press , and touch **Add subject** to add the message subject.Your phone is now in multimedia message mode.
5. Touch the icon next to the **Compose** text field to add a picture,audio file,or video file to the message.
6. When the message is finished, touch **Sim1 MMS** or **Sim2 MMS** to send the message.

Adding a Slideshow

If you want to attach more than one file to your message, use the Slideshow option.

1. On the message-editing screen,touch the icon next to the **Compose** text field.
2. In the displayed menu, touch **Slideshow**, select a slide and start to edit it.

3. To add and edit another slide, press and touch **Add slide** in the displayed menu.
   While editing the slide, you can touch the yellow arrow icons to switch between slides.
4. Touch **Done** to finish composing your message and return to the multimedia message screen.
5. To alter your multimedia message, touch **Edit** on the multimedia message screen. When the message is ready to be sent, select **Sim1 MMS** or **Sim2 MMS** to send the message.

Opening and Viewing a Multimedia Message

1. Open the message list, and touch the message thread to open it.
2. Touch the multimedia message to view the message.
3. Flick up or down to view the previous or next slide.

Replying to a Message

1. Open the message list, and touch a text or multimedia message thread to open it.
2. Touch **Compose** to compose your message.
3. When the message is finishied, touch **Sim1** or **Sim2** to send the message.

Customizing Message Settings

Open the message list, press , and touch **Settings** to customize message settings.

Email

Your phone also puts email at your fingertips. With your phone's Email application, you can add versions of Yahoo!, AOL, and other popular email services to your phone. These types of email accounts are known as POP3 or IMAP.

Adding an Email Account

When using the **Email** application for the first time, you must configure an email account. The email setup wizard helps you to configure your account. A number of popular email systems are supported, You can work with the same email service as you use on your PC or you can select another email service.

1. Touch > **Email**.
2. To customize your email settings, follow the onscreen instructions, and touch **Next**. If you want to set the email server yourself, touch **Manual setup**.

   Note: When you touch **Manual setup**, contact your email service provider for the settings required for setting up your account if you do not know what they are.
3. Enter the account name and the name you want other people to see when they receive an email from you.
4. Touch **Done**.

Your phone will use the email account to access your email server. You can use your phone to send and receive emails.

After the initial setup, your **Email** application opens to display the contents of your Inbox.

Adding Another Email Account

1. After creating your initial email account, press on the **Inbox** screen, and touch **Accounts** to access the account list.

2. Press , and touch **Add account** to create another email account.

Tip:

When adding an additional email account, you have the option to use the new account to send all outgoing messages.

Viewing an Email

1. Open the account list, and touch the email account you want to use.

2. Select a folder, and touch the message that you want to view.

Sending an Email

1. Open the account list, and touch the email account you want to use.

2. On the **Inbox** screen, press , and touch **Compose**.

3. In **To**, enter the recipient's name or email address.

4. Enter the subject of your message and compose the message.

   To send an attachment with the message, press , and then touch **Add attachment**.

5. When you are finished, touch **Send**.

   If you are not ready to send the message, touch **Save as draft** or press to save the message as a draft.

Replying to an Email

1. Open the account list, and touch the email account you want to use.
2. Touch the email to which you want to reply.
3. Touch **Reply** or **Reply all** to reply to the email.

Deleting an Email Account

1. Open the account list, touch and hold the email account you want to delete.
2. Touch **Remove account**> **OK**.

Changing Email Account Settings

You can change a number of account settings, including how often you check for emails, how you are notified of a new email, and details about the servers the account uses to send and receive emails.

Note:

Your account's incoming and outgoing settings depend on the type of email service you are using: IMAP or POP3. You can manually enter the necessary details, although you may need to contact your email service provider to obtain the correct information.

1. Touch > **Email**.
2. In the accounts list, touch and hold the email account you want to change.
3. Touch **Account settings**.
4. Change **General settings**, **Notification settings**, **Server settings** or **Messages storage**.

Getting Connected

Mobile Networks

Your phone will be automatically configured to use your network provider's GPRS/3G/EDGE service (if available) when you turn on the phone for the first time. Note that the SIM card must be inserted.

Checking the Network Connection

1. Touch > **Settings** > **Wireless & networks** > **Mobile networks**.
2. Touch **SIM1**or **SIM2**.
3. Touch **GSM/UMTS Options** to check the network connection.

Note:

Your phone will automatically read the access point settings from your SIM card (if any). For this reason, do not change the access point; otherwise, you might not be able to access network resources.

Turning the Data Service on

1. Touch > **Settings** > **Wireless & networks** > **Mobile networks**.
2. Touch **SIM1**or **SIM2**, and select **Data enabled** to turn the data connection on.

Wi-Fi

Wi-Fi gives you wireless access to broadband Internet. To use Wi-Fi on your phone, you must have an access to

wireless access points (hotspots). Obstacles that block the Wi-Fi signal will reduce the signal strength.

Turning Wi-Fi On

1. Touch > **Settings**.
2. Touch **Wireless & networks**, and then select **Wi-Fi** to turn Wi-Fi on.

Connecting to a Wireless Network

1. After turning Wi-Fi on, touch > **Settings**.
2. Touch **Wireless & networks** > **Wi-Fi settings**. A list of detected Wi-Fi networks is displayed under **Wi-Fi networks**.
3. Touch a Wi-Fi network to connect to it.
   - If you select an open network, you will be automatically connected to the network.
   - If you select a network that is secured with Wired Equivalent Privacy (WEP) and connect to the network for the first time, enter the password as prompted, and touch **Connect**. If you connect to a secured wireless network that you have already used, you will not be prompted to enter the password again unless you have reset your phone to its default settings.

Tip:

On the **Wi-Fi settings** screen, touch **Add Wi-Fi network** to add a new Wi-Fi network.

Sharing Your Phone's Data Connection

You can share your phone's data connection with a single computer via a USB cable: USB tethering. You can share your phone's data connection with devices at the same time, by turning your phone into a portable Wi-Fi hotspot.

Sharing Your Phone's Data Connection via USB

To use USB tethering in different operating systems, you may need to prepare your computer to establish a network connection via USB.

Note:

You can not share your phone's data connection and microSD card via USB at the same time.

1. Touch > **Settings**.
2. Touch **Wireless & networks** > **Tethering & portable hotspot**.
3. Select the **USB tethering** check box to share your data connection.

Sharing Your Phone's Data Connection as a Portable Wi-Fi Hotspot

1. Touch > **Settings**.
2. Touch **Wireless & networks** > **Tethering & portable hotspot**.
3. Select the **Portable Wi-Fi hotspot** check box to share your data connection.

Tip:
When **Portable Wi-Fi hotspot** is selected, you can touch **Portable Wi-Fi hotspot settings** to change its network name or secure it.

Browser

Your phone comes with an pre-installed Internet browser.

Opening the Browser

Touch > **Browser** to open the home page.

Press to open the browser-related menu or the following options:

- **New window**: Touch to open a new window.
- **Bookmarks**: Touch to display bookmarks.
- **Windows**: Touch to view thumbnails of open browser windows. You can switch to another browser window or open a new one.
- **Refresh**: Touch to refresh the current web page.
- **Exit**: Touch to exit the current web page.
- **More**: Touch to open other menus and perform operations such as selecting text, downloading, or configuring settings.

Opening a Web Page

1. In a browser window, touch the URL field at the top of the screen.
2. Use the keyboard to enter a web page address.
3. As you enter the address, matching web page addresses will appear on the screen. If you see the address you want, touch it to directly go to that web page or complete entering the address of your desired web page.

Setting the Home Page

1. In a browser window, press .
2. Touch **More** > **Settings** > **Set home page**.
3. Enter the address of the desired home page, and touch **OK**.

Managing Bookmarks

You can store as many bookmarks as you want on your mobile phone.

Adding a Bookmark

1. In a browser window, go to the web page you want to save as a bookmark.
2. Press , and touch **Bookmarks** > **Add**.
3. Edit the bookmark name and touch **OK**.

Opening a Bookmark

1. In a browser window, press , and touch **Bookmarks**.
   On the **Bookmarks** screen, touch the **History** tab to view the pages you have visited. Or touch the **Most visited** tab to view the pages you have visited most frequently.
2. Touch the bookmark of the website you want to open.

Customizing Browser Settings

To customize the browser to suit your browsing style, and use **Browser** to set page content, privacy, and security preferences, in a browser window, press , and touch **More** > **Settings**.

Bluetooth

Your phone supports Bluetooth, which allows you to create a wireless connection with other Bluetooth devices so you can share files with your friends, talk hands-free using a Bluetooth headset, or even transfer photos from your phone to your PC.

If you are using Bluetooth, remember to stay within 10 meters (33 feet) of other Bluetooth devices to which you want to connect. Be aware that obstacles like walls or other electronic equipment may interfere with your Bluetooth connection.

Turning Bluetooth On

1. Touch > **Settings** > **Wireless & networks**.
2. Select **Bluetooth** to turn Bluetooth on. When Bluetooth is turned on, the Bluetooth icon appears in the notification bar.
3. Touch **Bluetooth settings**, and select **Discoverable** to make your phone visible to other Bluetooth devices.

Pairing with and Connecting to another Bluetooth Device

Your phone provides the following Bluetooth profiles:

- Hands-Free Profile (HFP): allows you to use a hands-free Bluetooth device.
- Headset Profile (HSP): allows you to use a mono Bluetooth headset.
- Object Push Profile (OPP): allows you to transfer files over a Bluetooth connection.
- Advanced Audio Distribution Profile (A2DP): allows you to use a stereo Bluetooth headset.

- Audio/Video Remote Control Profile (AVRCP): allows you to control audio playing using a Bluetooth headset remotely.

Before using Bluetooth, pair your phone with another Bluetooth device as follows:

1. Ensure that the Bluetooth function on your phone is turned on.
2. Touch > **Settings** > **Wireless & networks** > **Bluetooth settings**. Your phone scans for Bluetooth devices in range.
3. Touch the device you want to pair with your phone.
4. Enter the pairing password to complete the connection.

Sending Files via Bluetooth

Using Bluetooth, you can share pictures, videos, or music files with your family and friends. To send files via Bluetooth:

1. Touch > **File Manager**.
2. Touch and hold the file to be sent.
3. In the displayed menu, touch **Share** > **Bluetooth** to select a paired device.

Disconnecting from or Unpairing with another Bluetooth Device

1. Touch > **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Under **Bluetooth devices**, touch and hold the connected device you want to disconnect form.
3. Touch **Unpair** to disconnect from the device.

Entertainment

In addition to being a communication device and personal assistant, your phone also provides you with a multitude of entertainment possibilities. You can take photos, create audio and video clips, and download and listen to music.

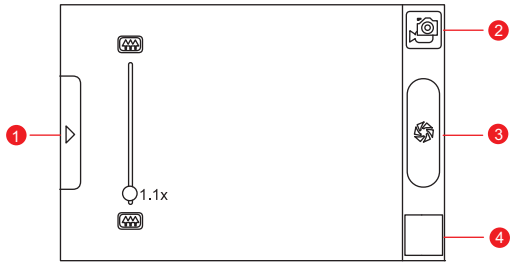
Taking Photos and Recording Videos

The camera is a combination of camera and camcorder that you can use to shoot and share pictures and videos.

Opening Your Camera

- Touch > **Camera** to open the **Camera** application. The camera opens in landscape mode, ready to take a picture.
- Press on the capture screen to close the camera.

Capture Screen



Before taking a photo, touch the capture screen to zoom in or out on a scene.

1	Touch to customize the camera settings.
2	Touch to switch between camera mode and camcorder mode.
3	Touch to take a photo (in camera mode) or shoot a video (in camcorder mode).
4	Thumbnail of the last photo. Touch to preview photos or videos.

Taking a Photo

1. Open your **Camera** appliction and switch it to camera mode.
2. If necessary, open the settings panel to change the camera settings. The preview image changes as you change the settings.
3. Frame the scene within the capture screen.
4. Touch and hold to take a photo.

Photo taken are displayed for a moment. You can take another photo or preview your photos.

Viewing Your Photos

1. After taking a photo, a thumbnail of the photo you have just taken is shown in the upper right corner of the capture screen. Touch the thumbnail to view it.
2. Touch the onscreen button to do any of the following:
   - Touch **Delete** to delete the photo.

- Touch **Share** to send the photo in a message or post it online.
- Touch **More** > **Set as** to set the photo as a wallpaper or a contact icon.

3. If you want to view more photos, touch the screen, and flick right or left.

Recording a Video

1. Open the **Camera** application, and switch it to camcorder mode.
2. If necessary, change the camcorder settings.
3. Frame the scene with which you want to start your video.
4. Touch to start recording a video.
5. Touch to stop shooting. You can record another video or preview your videos.

Viewing Your Videos

After recording a video, a thumbnail of the video you have just recorded is shown in the upper right corner of the capture screen. Touch the thumbnail to view it.

Using the Gallery

Your **Gallery** application can automatically search for pictures and videos on the microSD card. Use **Gallery** to sort photos and videos into folders, view and edit pictures, watch videos, and set a picture as the wallpaper or as a photo for a contact.

Opening the Gallery

Touch > **Gallery**.

The **Gallery** application categorizes your pictures and videos by storage location and displays these files in folders. Touch a folder to view the pictures or videos inside.

Viewing a Picture

1. Open the **Gallery**, and touch the folder that contains the pictures you want to view.
2. Touch a picture to view it in full-screen mode. When viewing a picture in full-screen mode, flick the picture left or right to view the next or previous picture.
3. Touch the screen.
   Then the zoom panel appears. You can zoom in or zoom out on the picture.

Tip: The picture viewer supports the automatic rotation function. When you rotate your phone, the picture adjusts itself to the rotation.

Rotating a Picture

1. When viewing a picture, press to display the operation panel.
2. Touch **More**.
3. Select either **Rotate Left** or **Rotate Right**. The picture is saved with the new orientation.

Cropping a Picture

1. When viewing a picture, press to display the operation panel, and touch **More** > **Crop**.

2. Use the cropping tool to select the portion of the picture to crop.
   - Drag from the inside of the cropping tool to move the image.
   - Drag an edge of the cropping tool to resize the image.
   - Drag a corner of the cropping tool to resize the image without changing the aspect ratio.
3. Touch **Save** to save the cropped picture, or touch **Discard** to discard the changes.

Enjoying Music

You can download music files to your PC or insert a CD in your PC's optical disc drive and copy the files to your microSD card so that you can listen to music on your phone.

Copying Music to the microSD Card

1. Install your microSD card on your phone, and connect your phone to your PC with a USB cable.
2. On the PC, navigate to the USB drive and open it.
3. Create a folder in the microSD card's root directory (for example, **Music**).
4. Copy the music files from your PC to the folder you have created.
5. After copying the music files, unmount or eject the USB drive as required by your PC's operating system to safely remove your phone from your PC.
6. Disconnect your phone from your PC.

Opening the Music Library

Touch > **Music** to display the music library.

The **Music** library automatically scans for music stored on your microSD card and displays them in **Artists**, **Albums**, **Songs** and **Playlists**.

Playing Music

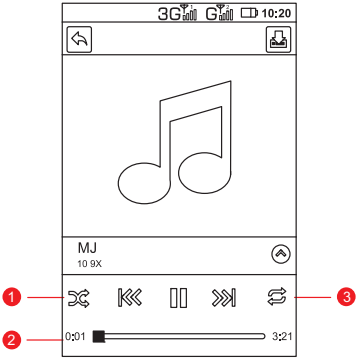
1. Open the music library and touch the **Artists**, **Albums**, **Songs** or **Playlists** tab to select a way to view your music.

2. Touch the music file you want to play.

Tip:

When playing music, press to return to the previous screen and play music in the background.To return to the music playing screen, open the notification panel and touch the playing music.

Music Playing Screen



1	Touch to turn shuffle on or off.

2	Touch to control music playing.
3	Touch to set repeat mode.

Adding Music to a Playlist

1. Open the music library, and touch the **Artists**, **Albums**, **Songs** or **Playlists** tab to select a way to view your music.
2. Flick up or down to navigate through the displayed music files.
3. Touch and hold the music file you want to add to the playlist, and touch **Add to playlist**.
   - Touch **Current playlist** to add the music file to an existing playlist.
   - Touch **New playlist** to create a playlist and add the music file to it.

Playing Music in a Playlist

1. Open the music library, and touch the **Playlists** tab.
2. Touch and hold the playlist you want to play.
3. Touch **Play** to play the playlist.

Listening to the FM Radio

The **FM Radio** application lets you listen to FM radio programs on your phone. Since the application uses the provided wired stereo headset as its antenna, before opening the application, connect the headset to your phone's headset jack.

Opening the FM Radio

1. Touch > **FM Radio** to open the application.
2. **FM Radio** automatically scans for available FM channels, saves them as presets, and plays the first FM channel found.

Tuning the FM Radio

Open the **FM Radio** application, and press to do the following:

- Touch **Panel Color**, and select the color you want.
- Touch **Auto Search** to automatically scan for available FM channels.

Google Services

When you turn your phone on for the first time, touch a Google service such as **Talk**, **Gmail**, or **Market**, and you will be prompted to sign in to your Google account.

Note:

Ensure that your phone has an active data connection (3G/GPRS) before you sign in to your Google account.

If you already have a Google account, touch **Sign in** and enter your username and password.

Creating a Google Account

If you do not have a Google account, you can create one as follows:

1. After reading the setup information, touch **Next**.
2. Touch **Create**.
3. Enter the first name, last name, and user name for your Google account, and touch **Next**. The phone will connect to the Google server to check whether the username is available. If the username you entered is already in use, you will be prompted to choose another one or select one from a list.
4. Enter and confirm your Google account password.
5. Select a security question from the drop-down list, and enter the answer.
6. Touch **Create**.
7. When the **Google Terms of Service** screen appears, touch **I agree, Next**.

8. Enter the characters that appear on the screen, and touch **Next**.

Tip:

To use another Google account, go to the **Accounts & sync settings** screen, and touch **Add account** to select which type of accounts you want to add.

Using Gmail

Gmail is Google's web-based email service. When you first set up your phone, you may have configured it to use an existing **Gmail** account or create an account. The first time you open the **Gmail** application on your phone, your Inbox will contain the messages from your **Gmail** web account.

Opening Gmail

Touch > **Gmail**. The **Inbox** email list appears. Any emails you decide to keep on your phone will go to your **Inbox** folder.

Switching Between Accounts

1. In the email list, press , and touch **Accounts**.
2. Touch the account that contains the email you want to read.

Creating and Sending an Email

1. In the email list, press , and touch **Compose**.
2. Enter the recipient's email address in **To**. If you are sending the email to several recipients, separate the email

addresses with commas. You can add as many recipients as you want.

If you want to send a copy (Cc) or a blind copy (Bcc) of the email to other recipients, press , and then touch **Add Cc/Bcc**.

3. Enter the email subject and write your email.

   If you want to add a picture attachment, press , and then touch **Attach** to select the picture you want to attach.

4. After writing your email, touch **Send**.

Replying To or Forwarding an Email

1. In the email list, touch the email that you want to reply to or forward, then touch in the upper right corner of the screen.
2. Touch **Reply**, **Reply all**, or **Forward**.
3. Do one of the following:
   - If you selected **Reply** or **Reply all**, enter your message.
   - If you selected **Forward**, specify the recipients and add any additional text you want to include with the forwarded message.
4. Touch **Send**.

Searching for an Email

1. In the email list, press , and touch **Search**.
2. Enter the search keywords in the search box, and touch .

1. In the email list, press , and touch **More** > **Settings**.
2. Configure the following settings:
   - **Signature**: Touch to enter a signature that is appended at the end of all your emails.
   - **Confirm actions**: Select to display a confirmation message when you want to delete an email.
   - **Batch operations**: Select to simultaneously perform an operation, such as archiving or deleting, on a batch of emails.
   - **Clear search history**: Touch to delete the history of previous message searches.
   - **Labels**: Touch to select which **Gmail** labels to be synchronized with your web-based **Gmail** account.
   - **Email notifications**: Select to display a notification icon on the notification bar when you receive an email.
   - **Select ringtone**: Touch to select a ringtone for a new email. A short sample of the ringtone will play when you select it. If you prefer no ringtone to play when you receive a new email, touch **Silent**. Then touch **OK** to confirm your ringtone selection.
   - **Vibrate**: Select to set your phone to vibrate when you receive a new email.

Using Talk

Talk is Google's instant messaging service. You can use it to communicate in real time with other people on your phone or on the web.

Opening Talk

Touch > **Talk** to open the **Talk** application.

Note:

Your Talk account is based on the Google account you set up with your phone.

Adding a Friend

1. Open the friend list, press , and touch **Add friend**.
2. Enter the **Talk** instant messaging ID or Google email address of the friend you want to add.
3. Touch **Send invitation**.

Accepting or Rejecting an Invitation

1. If you have invited anyone to chat or if someone else has invited you to chat, an invitation will appear in the friend list.
2. Touch a pending invitation, then touch **Accept** or **Cancel**.

Starting a Chat

1. Open the friend list, touch a friend's name to open a chat window.
2. After entering your message, touch **Send**.
3. To close the chat, touch > **End chat**.

Setting Notifications for New Instant Messages

Whenever you receive an instant message, your phone plays a sound, vibrates, or displays an icon. To set up one of these handy notifications, open the friend list, and press . Then touch **Settings** and choose from the following:

IM notifications	Select to receive a notification in the notification bar when you receive an instant message.
Select ringtone	Touch to select a ringtone for a new instant message. You will hear a short sample of the ringtone when you select it. To turn the ringtone off, select **Silent**.
Vibrate	Select to set your phone to vibrate when you receive a new instant message.

Signing Out of Talk

Open the friend list, press , and touch **Sign out** to quit **Talk**.

Using Maps

Maps lets you find your current location, view real-time traffic conditions (depending on availability in your locale), and get detailed directions to various destinations. You can view satellite images, traffic maps, or other kinds of maps of your current or other locations.

Enabling the Location Source

Before you open **Maps** to find your location or search for places of interest, you must enable "location source".

1. Touch > **Settings**.
2. Touch **Location & security**.

3. Under **My Location**, select **Use wireless networks**, **Use GPS satellites**, or both.

Opening Maps

Touch > **Maps** to open the application.

Searching for Places of Interest

1. Open the **Maps** application, press , and touch **Search**.
2. Enter the place you want to search for in the search box, and touch the search icon.The search results will then be displayed.
3. Touch a place you are interested in. The application shows where it is on the map.

Getting Directions

1. While viewing a map, press , and touch **Directions**.
2. Enter the starting point in the first text box, and your destination in the second.
3. Touch the icon for car, public transit, or walking directions.
4. Touch **Go**. The directions appear in a list.
5. Touch a direction item on the list to show it on the map.
6. When you finish viewing or following the directions, press > **Clear Map** to reset the map.

Using YouTube

YouTube is Google's free online video streaming service for viewing, searching for, and uploading videos.

Opening YouTube

Touch > **YouTube**. Then the **YouTube** screen opens, and the videos are grouped into categories, such as **Most viewed**, **Most discussed**, **Top rated**, and more.

Searching for a Video

1. On the **YouTube** screen, press , and touch **Search**.
2. Enter a search keyword, and touch the search icon. A number of search results displayed below the notification bar.
3. Scroll through the results and touch a video to watch it.

Sharing a Video

1. On the **YouTube** screen, do one of the following:
   - While browsing the video list, touch and hold a video, and touch **Share**.
   - While watching a video, press , and touch **Share**.
2. Write a message if you like, address the email, and send it.

Using Market

Android Market provides direct access to applications and games which you can download and install on your phone.

Opening Market

1. Touch > **Market**.
2. When you open **Market** for the first time, the **Android Market Terms of Service** window will appear. Touch **Accept** to continue.

Searching for Applications

You can find applications on the **Market** home screen from:

- Featured applications: Flick left or right to view more.
- List of applications grouped by categories and subcategories: You can sort the applications by popularity (from the most to the least) or by date (from the newest to the oldest).
- List of games.
- Search function.
- Your downloads.

Installing an Application

Note:

If you want to install a non-Market application, touch > **Settings** > **Applications**, and select **Unknown sources** to allow installation of the non-Market application.

1. Open the **Market** application, and touch **Apps**.
2. Touch a category, then touch the application you want to download.
3. On the item details screen, read more about the application, including its cost, overall rating, and user comments. If you scroll down to **Developer Info**, you can see other applications from the same developer, or link to the developer's website.
4. To install the application, touch **Free** and then touch **OK**, whichever is displayed.

5. To check the progress of a download, open the notification panel. Most applications are installed within seconds. To stop an application from being downloaded, touch **Cancel**.
6. After the application has been downloaded and installed on your phone, the content download icon appears in the notification bar.

Uninstalling an Application

1. Open the **Market** application, touch **My apps**.
2. Touch the application you want to uninstall, and then touch **Uninstall**.
3. When prompted, touch **OK** to remove the application from your phone.
4. Select the reason for removing the application, and then touch **OK**.

Synchronizing Information

Some applications on your phone give you access to the same personal information that you can add, view, and edit on your PC. If you add, change, or delete your information in any of these applications on the web, the updated information also appears on your phone.

This is made possible through over-the-air data synchronization. The process occurs in the background and does not interfere with use of your phone. When your phone is synchronizing, a data synchronization icon will appear in the notification bar.

Managing Your Accounts

You can synchronize contacts, email, and other information on your phone with multiple Google accounts or other kinds of accounts, depending on the applications installed on your phone.

For example, you can start by adding your personal Google account, so your personal emails, contacts, and calendar are always available. You can then add a work account, so your work-related emails and work contacts are handy. If you like, you may add multiple Google accounts or other accounts.

Adding an Account

1. Touch > **Settings** > **Accounts & sync**. The screen displays your current synchronization settings and a list of your current accounts.

   Note: In some cases, you may need to obtain account details from an IT support. For example, you may need to know the account's domain or server address.

2. Touch **Add account**.

3. Touch the kind of account to add.

4. Follow the onscreen steps to enter the required and optional information about the account. Most accounts require a username and password, but the details depend on the kind of account and the configuration of the service to which you are connecting.

5. Configure the account. Depending on the kind of account, you may be asked to configure what kind of data you want to synchronize to the phone, to name the account, and for other details. When you are finished, the account is added to the list on the **Accounts & sync settings** screen.

Removing an Account

You can remove an account, deleting it and all information associated with it from your phone, including emails, contacts, settings, and so on. You cannot, however, remove some accounts, such as the first account you signed into on the phone. If you attempt to remove certain accounts, all personal information associated with it will be deleted.

1. On the **Accounts & sync settings** screen, touch the account to be deleted.

2. Touch **Remove account**.

3. Confirm that you want to remove the account.

Customizing Your Account Synchronization

You can configure background data use and synchronization settings for all the applications on your phone. You can also

configure what kind of data you synchronize for each account.

Some applications, such as **Contacts** and **Gmail**, can synchronize data from multiple accounts. Others, such as **Calendar**, synchronize data only from the first Google account you signed into on your phone, or from an account specifically associated with the applications.

For some accounts, synchronization is bi-directional; changes that you make to the information on your phone are made to the copy of that information on the web. Some accounts support only one-way synchronization; the information on your phone is read-only.

Configuring General Synchronization Settings

On the **Accounts & sync settings** screen, do the following:

- Select or clear **Background data** to control whether applications and services can transmit data when you are not directly working with them (that is, when they are running in the background).

  If you clear **Background data**, the **Gmail** application stops receiving new mail, the **Calendar** stops synchronizing events, and so on, until you touch **Refresh** or send an email.

- Select or clear **Auto-sync** to control whether changes you make to information on the phone or on the web are automatically synchronized with each other.

  For example, when **Auto-sync** is selected, changes that you make in **Contacts** on the phone are automatically made in Google Contacts on the web.

Changing an Account's Synchronization Settings

1. On the **Accounts & sync settings** screen, touch the account whose synchronization settings you want to change. The data and synchronization screen opens, displaying a list of the kinds of information the account can synchronize.
2. Select the items to be synchronized to your phone.
3. Select or clear the data you want to synchronize to the phone.

Using Other Applications

Using the Calendar

Use the **Calendar** application to create and manage events, meetings, and appointments. Depending on your synchronization settings, the calendar on your phone can be synchronized with the Internet-based calendar you use.

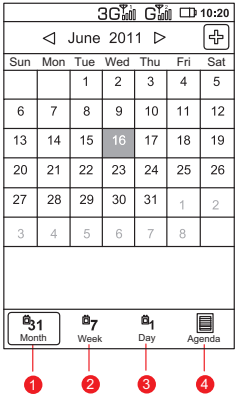
Opening the Calendar

Touch > **Calendar** to open the application.

Tip:

To access Google calendar, press , and touch **More** > **Sync Google Calendar**. The Google calendar service can be synchronized with the Google server, whereas the calendar application on your phone cannot.

Calendar Panel



1	Switch to **Month** view.
2	Switch to **Week** view.
3	Switch to **Day** view.
4	Switch to **Agenda** view.

Creating an Event

1. In any calendar view, press and touch **More** >**New event** to open the **Event details** screen.
2. Enter the event name.
   - If there is a time frame for the event, touch **From** and **To** to set the beginning and end times of the event.
   - If the event is a special occasion such as a birthday or a day-long activity, set the date for **From** and **To**, and select **All day**.
3. Enter the location of the event and a description.
4. If you have more than one calendar, select the calendar where you want to save the event.
5. Set the time of your event reminder in **Reminders**, and specify in **Repetition** whether the event recurs and if it does, how frequently.
6. Touch **Save**.

Tip:
To quickly create an event in **Day**, **Week**, or **Month** view, touch and hold an empty time slot, and touch **New event**. A new event details screen will appear with the selected time slot and date in **From** and **To**.

Setting an Event Reminder

1. In any agenda view, touch an event to view its details or event summary.
2. Touch **Edit event** > **Add reminder** to add a reminder. Or touch the reminder's "-" button to delete it.
3. Touch the reminder time, and then touch the length of time before the event when you want to be reminded. When the time comes, you will receive a notification about the event.

Customizing Calendar Settings

In any calendar view, press , touch **More** > **Settings**, and then choose from the following:

- **Hide declined events**: Select to hide events for which you have declined invitations.
- **Set alerts & notifications**: Touch to set event reminders to alert you, to send you a notification, or to turn off event notifications on your phone.
- **Select ringtone**: Touch to select the ringtone to sound when you receive an event reminder.
- **Vibrate**: Select to vibrate the mobile phone when you receive an event notification.
- **Default reminder time**: Touch to select the default time before an event for event reminders to occur.

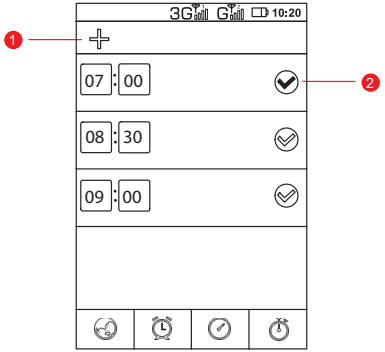
Using the Alarm

You can set a new alarm or modify an existing alarm.

Opening Alarm

Touch > **Clock** > **Alarm** to open the **Alarm** application.

Alarm List Screen



1	Touch to add an alarm.
2	Touch to enable or disable an alarm.

Adding an Alarm

1. On the alarm list screen, touch **+** in the upper left corner of the screen.
2. Set the alarm, and touch **Save**.

Setting an Alarm

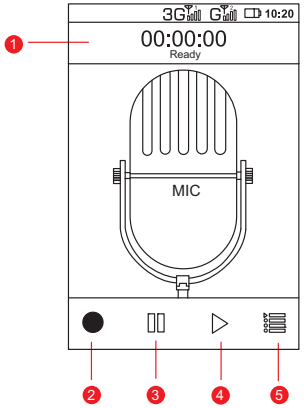
1. On the alarm list screen, touch one of the alarms on the screen.

2. In the time display area, flick up or down to set the time of the alarm.
3. Touch **Ringtone** to select a ringtone for the alarm.
4. Select **Vibrate** to set the phone to vibrate, in addition to playing the ringtone.
5. Touch **Repeat** to set the days when you want the alarm to sound.
6. Touch **Label** to enter a name for the alarm.
7. Touch **Save**.

Using Audio Recorder

The **Audio Recorder** application is useful for quickly recording your thoughts. You can also use the application to record your voice and set it as a ringtone.

Audio Recorder Screen



1	Shows the recording duration.
2	Touch to start recording an audio clip.
3	Touch to pause or play back the recorded audio clip.
4	Touch to stop recording and enter a name for the recorded audio clip.
5	Shows the volume of your recorded audio clip.

Recording an Audio Clip

1. Touch > **Audio Recorder** to open the application.
2. Touch the start button to start recording.
3. Record your desired message.
4. Touch the stop button to stop recording.

Setting Audio Clip as a Ringtone

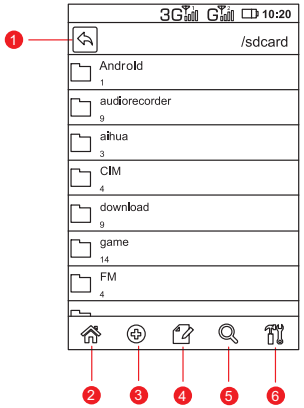
1. On the audio recorder screen, touch to open the **VOICE** menu.
2. Touch the audio clip which you want to set as a ringtone.
3. Touch and select **Set as ringtone**.

Using the File Manager

Like a pocket-sized personal assistant (PA), the **File Manager** application lets you organize, edit and delete files or folders.

Opening File Manager

Touch > **File Manager** to open the application.



1	Touch to return to the previous screen.
2	Touch to return to the file manager screen.
3	Touch to create a new sub-folder.
4	Touch to open the file manager-related menu.
5	Touch to search for files.
6	Touch to open the **Settings** screen.

The file manager-related menu may not be completely shown on the screen. You may need to flick the menu up or down to browse all options.

Creating a Folder

1. On the **File Manager** screen, access the directory in which you want to create a folder.
2. Touch ⊕ to enter the name of the new folder.
3. Touch **OK**.

Moving or Copying a File or Folder

1. On the **File Manager** screen, touch ✎ to open the file manager-related menu.
2. Touch the file or folder you want to move or copy, when the file or folder is selected, a check mark will appear next to the file or folder.
   To select all files or folders, select **Select All** in the upper left corner of the screen. To cancel the selection, clear **Select All**.
3. Touch **Cut** or **Copy** to cut or copy the file or folder.
4. Select the path where you want the file or folder to be copied or moved. Touch ✎ to open the file manager-related menu, then touch **Paste** to move or copy the file or folder to the selected path.

Quickly Searching for a File or Folder

1. On the **File Manager** screen, touch a folder to access the directory where the file you want is located.
2. Touch 🔍 to display the search box.
3. Enter a key word of the desired file or folder name in the search box.

4. Touch . Your phone starts the search. A list of search results will be displayed.

5. Touch the desired file or folder to open it.

6. Touch for a new search or press to return to the file manager screen.

Using Calculator

Use the **Calculator** application to solve simple arithmetic problems or use its advanced operators to solve more complex equations.

Opening Calculator

Touch > **Calculator** to open the application.

Switching Between Basic and Advanced panels

On the **Calculator** screen, flick right or left to switch between **Advanced panel** and **Basic panel**.

Using Note Pad

The **Note Pad** application features a simple text processor. In the note lists, You can add, edit, and delete notes.

1. Touch > **Note Pad** to open the application.

2. Touch **+** in the upper right corner of the screen to create a note.

3. After editing the note, press to share or delete it.

Managing Your Phone

To configure your phone, touch > **Settings**.

Setting the Date and Time

By default, your phone automatically uses the date, time, and time zone provided by the network.

Note:

When your phone is using the date and time settings automatically provided by the network, you cannot manually set the date, time, and time zone.

1. On the **Settings** screen, touch **Date & time**.
2. Clear **Automatic**.
3. Touch **Set date**. In the displayed dialog box, touch **+** or **-** to adjust the month, date, and year. Then touch **Set** when the configuration is complete.
4. Touch **Select time zone**. In the displayed list, select the desired time zone. Flick up and down to navigate through the list and view more time zones.
5. Touch **Set time**. In the displayed dialog box, touch **+** or **-** to adjust the hour and minute. Then touch **Set** when the configuration is complete.
6. Select or clear **Use 24-hour format** to use 24-hour or 12-hour format.
7. Touch **Select date format** to select how you want the date to display on your phone.

Setting the Display

Adjusting the Screen Brightness

1. On the **Settings** screen, touch **Display** > **Brightness**.
2. Drag the slider left to make the screen darker, or right to make it brighter.
3. Touch **OK** to save the adjustment.

Adjusting the Time Before the Screen Turns Off

If your phone is idle for several minutes, it will turn the screen off to save battery power. To set a longer or shorter idle time:

1. On the **Settings** screen, touch **Display** > **Screen timeout**.
2. Select the duration you want the screen to be illuminated.

Setting Ringers

Turning Silent Mode On

1. On the **Settings** screen, touch **Sound**.
2. Select **Silent mode** to silence all sounds except media and alarms.

Adjusting the Volume

You can adjust the volume from the home screen or any application screen (except during a call or when playing music or videos). Press the Volume keys to adjust the volume to the level you desire.

You can also adjust the volume as follows:

1. On the **Settings** screen, touch **Sound** > **Volume**> **Ringtone**.

2. Drag the slider left to make the volume lower, or right to make it higher.

3. Touch **OK** to save the adjustment.

On the **Volume** screen, if you do not select **Use incoming call volume for notifications**, you can separately set the incoming call volume and the notification volume.

Adjusting the Media Volume

When playing music or watching videos, press the Volume keys to adjust the media volume.

You can also adjust the media volumn as follows:

1. On the **Settings** screen, touch **Sound**> **Volume**> **Media** .

2. Drag the slider left to make the volume lower, or right to make it higher.

3. Touch **OK** to save the adjustment.

Changing the Phone Ringtone

1. On the **Settings** screen, touch **Sound**> **Phone ringtone**.

2. Touch the ringtone you want to use, then touch **OK**. The ringtone plays when selected.

Tip:

To set a music file as the ringtone, open the **Music** application, and hold the file name, and select **Use as phone ringtone**.

Setting Your Phone to Vibrate for Incoming Calls

1. On the **Settings** screen, touch **Sound**> **Vibrate**.

2. In the display menu,you can select **Always**, **Never**, **Only in Silent mode**,or **Only when not in Silent mode**.

Setting Phone Services

Customizing Call Settings

Your phone service provider offers different services such as call forwarding, call waiting, fixed dialing numbers, and voicemail. You can customize many of these services if they are part of your calling plan.

On the **Settings** screen, touch **Call settings** to customize your call settings.

Turning Data Roaming on

1. On the **Settings** screen, touch **Wireless & networks** > **Mobile networks**.
2. Select **SIM1** or **SIM2**, and then select **Data roaming**.

Note:

Accessing data services while roaming may incur additional charges. Ask your wireless service provider about data roaming fees.

Switching the Data Service off

1. On the **Settings** screen, touch **Wireless & networks** > **Mobile networks**.
2. Select **SIM1** or **SIM2**, and clear **Data enabled**.

Protecting Your Phone

Turning Your SIM Card PIN on

1. On the **Settings** screen, touch **Location & security** > **Set up SIM/USIM card lock**.
2. Select **SIM1** or **SIM2**, then select **Lock SIM/USIM card**.
3. Use the keyboard to enter the PIN, and touch **OK**.

4. To change the PIN at any time, touch **Change SIM/USIM PIN**.

Note:

You can dial emergency numbers any time from your mobile phone.

Protecting Your Phone with a Screen Lock

To keep your data more secure, lock the screen and/or require a screen unlock pattern every time your phone is turned on or wakes up from sleep mode.

1. On the **Settings** screen, touch **Location & security** > **Set up screen lock** > **Pattern**.
2. On the change unlock pattern screen, touch **Next**.
3. Flick your finger horizontally, vertically, or diagonally, connect at least four dots in any order you select. Lift your finger from the screen when you are finished.
   You must drag your finger between the dots on the screen to create the pattern and not simply touch individual dots.
4. Your phone will record the pattern. Touch **Continue**.
5. When prompted, draw the screen unlock pattern again, and touch **Confirm**.

Clear **Use visible pattern** if you do not want the unlock pattern to be displayed on the screen when you unlock the screen.

To change your screen unlock pattern, touch **Location & security** > **Change screen lock**.

Managing Applications

Viewing an Installed Application

1. On the **Settings** screen, touch **Applications** > **Manage applications**.
2. In the applications list, do any of the following:
   - Press , and touch **Sort by size**. Then touch an application to view its details.
   - Select **Downloaded**,**Running**, **All**, or **On SD card** from the options menu. Then touch an application to view its details.
   - Directly touch an application to view its details.

Uninstalling an Application

1. On the **Settings** screen, touch **Applications** > **Manage applications**.
2. Touch the application you want to remove from your phone. Then touch **Uninstall**.

Ways to Free Up Your Phone Memory

- Move files and email attachments to the microSD card.
- Open **Browser**, and clear all temporary Internet files and browser history information.
- Uninstall any downloaded programs that you no longer use.
- Reset your phone.

Resetting Your Phone

Backing Up Your Settings

You can use your Google account to back up your phone's settings to the Google server. If you replace your phone, the settings you have backed up will transferred to the new phone the first time you sign in to your Google account.

1. On the **Settings** screen, touch **Privacy**.
2. Select **Back up my data**.

Restoring Factory Data

If you reset your phone to the settings that were configured at the factory, all of your personal data stored on the phone, including information about your Google account, any other accounts, your system and application settings, and any applications you have downloaded will be erased. Resetting the phone does not erase any system software updates you've downloaded or any files on your microSD card, such as music or photos.

1. On the **Settings** screen, touch **Privacy** > **Factory data reset**.
2. When prompted, touch **Reset phone**, then touch **Erase everything**. The phone resets to the original factory settings, and then restarts.

Appendix

Warnings and Precautions

This section contains important information pertaining to the operating instructions of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

Electronic Device

Power off your device if using the device is prohibited. Do not use the device when using the device causes danger or interference with electronic devices.

Medical Device

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device when using the device is prohibited.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If you are using a pacemaker, use the device on the opposite side of the pacemaker and do not carry the device in your front pocket.

Potentially Explosive Atmosphere

Power off your device in any area with a potentially explosive atmosphere, and comply with all signs and instructions. Areas that may have potentially explosive atmospheres include the areas where you would normally be advised to turn off your vehicle engine. Triggering of sparks in such areas could cause an explosion or a fire, resulting in bodily injuries or even deaths. Do not power on your device at refueling points such as service stations. Comply with

restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, and chemical plants. In addition, adhere to restrictions in areas where blasting operations are in progress. Before using the device, watch out for areas that have potentially explosive atmospheres that are often, but not always, clearly marked. Such locations include areas below the deck on boats, chemical transfer or storage facilities, and areas where the air contains chemicals or particles such as grain, dust, or metal powders. Ask the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) whether this device can be safely used in their vicinity.

Traffic Security

Observe local laws and regulations while using the device. In addition, if using the device while driving a vehicle, comply with the following guidelines:

- Concentrate on driving. Your first responsibility is to drive safely.
- Do not talk on the device while driving. Use hands-free accessories.
- When you have to make or answer a call, park the vehicle at the road side before using your device.
- RF signals may affect electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- In a motor vehicle, do not place the device over the air bag or in the air bag deployment area. Otherwise, the device may hurt you owing to the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft. Power off your device before boarding an aircraft. Using wireless devices in an aircraft may cause danger to the operation of

the aircraft and disrupt the wireless telephone network. It may also be considered illegal.

Operating Environment

- Do not use or charge the device in dusty, damp, and dirty places or places with magnetic fields. Otherwise, it may result in a malfunction of the circuit.
- The device complies with the RF specifications when the device is used near your ear or at a distance of 1.5 cm from your body. Ensure that the device accessories such as a device case and a device holster are not composed of metal components. Keep your device 1.5 cm away from your body to meet the requirement earlier mentioned.
- On a stormy day with thunder, do not use your device when it is being charged, to prevent any danger caused by lightning.
- When you are on a call, do not touch the antenna. Touching the antenna affects the call quality and results in increase in power consumption. As a result, the talk time and the standby time are reduced.
- While using the device, observe the local laws and regulations, and respect others' privacy and legal rights.
- Keep the ambient temperature between 0°C and 45°C while the device is being charged. Keep the ambient temperature between –10°C to 55°C for using the device powered by a battery.

Prevention of Hearing Damage

Using a headset at high volume can damage your hearing. To reduce the risk of damage to hearing, lower the headset volume to a safe and comfortable level.

Safety of Children

Comply with all precautions with regard to children's safety. Letting the child play with your device or its accessories, which may include parts that can be detached from the device, may be dangerous, as it may present a choking hazard. Ensure that small children are kept away from the device and accessories.

Accessories

Choose only batteries, chargers, and accessories approved for use with this model by the device manufacturer. The use of any other type of battery, charger, or accessory may invalidate any warranty for the device, may be in violation of local rules or laws, and may be dangerous. Please contact your dealer for information about the availability of approved batteries, chargers, and accessories in your area.

Battery and Charger

- Unplug the charger from the electrical plug and the device when not in use.
- The battery can be charged and discharged hundreds of times before it eventually wears out. When the standby time and the talk time are shorter than the normal time, replace the battery.
- Use the AC power supply defined in the specifications of the charger. An improper power voltage may cause a fire or a malfunction of the charger.
- Do not connect two poles of the battery with conductors, such as metal materials, keys, or jewelries. Otherwise, the battery may be short-circuited and may cause injuries and burns on your body.
- If battery electrolyte leaks out, ensure that the electrolyte does not touch your skin and eyes. When the electrolyte

touches your skin or splashes into your eyes, wash your eyes with clean water immediately and consult a doctor.

- If there is a case of battery deformation, color change, or abnormal heating while you charge or store the battery, remove the battery immediately and stop using it. Otherwise, it may lead to battery leakage, overheating, explosion, or fire.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using the cable at once. Otherwise, it may lead to an electric shock, a short circuit of the charger, or a fire.
- Do not dispose of batteries in fire as they may explode. Batteries may also explode if damaged.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Avoid dropping the device or battery. If the device or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a qualified service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- The device should only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

Cleaning and Maintenance

- The device, battery, and charger are not water-resistant. Keep them dry. Protect the device, battery, and charger from water or vapor. Do not touch the device or the charger

with a wet hand. Otherwise, it may lead to a short circuit, a malfunction of the device, and an electric shock to the user.

- Do not place your device, battery, and charger in places where they can get damaged because of collision. Otherwise, it may lead to battery leakage, device malfunction, overheating, fire, or explosion.
- Do not place magnetic storage media such as magnetic cards and floppy disks near the device. Radiation from the device may erase the information stored on them.
- Do not leave your device, battery, and charger in a place with an extreme high or low temperature. Otherwise, they may not function properly and may lead to a fire or an explosion. When the temperature is lower than 0°C, performance of the battery is affected.
- Do not place sharp metal objects such as pins near the earpiece. The earpiece may attract these objects and hurt you when you are using the device.
- Before you clean or maintain the device, power off the device and disconnect it from the charger.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device and the charger. Otherwise, parts of the device may be damaged or a fire can be caused. You can clean the device and the charger with a piece of damp and soft antistatic cloth.
- Do not dismantle the device or accessories. Otherwise, the warranty on the device and accessories is invalid and the manufacturer is not liable to pay for the damage.
- If the device screen is broken by colliding with hard objects, do not touch or try to remove the broken part. In this case, stop using the device immediately, and then contact an authorized service center in time.

Emergency Call

You can use your device for emergency calls in the service area. The connection, however, cannot be guaranteed in all conditions. You should not rely solely on the device for essential communications.

Certification Information (SAR)

This device meets guidelines for exposure to radio waves.

Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the independent scientific organization International Commission on Non-Ionizing Radiation Protection (ICNIRP) and include safety measures designed to ensure safety for all users, regardless of age and health.

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the device when being operated can be well below the value. This is because the device is designed to use the minimum power required to reach the network.

The SAR limit adopted by USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC and IC for this device type when tested for use at the ear is 1.12 W/kg, and when properly worn on the body is 0.741 W/kg.

The SAR limit also adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue. The highest SAR value for this

device type when tested at the ear is 0.689 W/kg, and when properly worn on the body is 0.741 W/kg.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However,there is no guarantee that interference will not occur in a particular installation.If this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

--Reorient or relocate the receiving antenna.

--Increase the separation between the equipment and receiver.

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution:

Changes or modifications made to this device not expressly approved by Huawei Technologies Co., Ltd. may void the FCC authorization to operate this device.Body-worn operations are restricted to belt-clips,holsters or similar accessories that have no metallic component in the assembly and must provide at least 1.0 cm separation between the device and the user's body.

Disposal and Recycling Information

This symbol on the device (and any included batteries) indicates that they should not be disposed of as normal household garbage. Do not dispose of your device or batteries as unsorted municipal waste. The device (and any batteries) should be handed over to a certified collection point for recycling or proper disposal at the end of their life.

For more detailed information about the recycling of the device or batteries, contact your local city office, the household waste disposal service, or the retail store where you purchased this device.

The disposal of this device is subject to the Waste from Electrical and Electronic Equipment (WEEE) directive of the European Union. The reason for separating WEEE and batteries from other waste is to minimize the potential environmental impacts on human health of any hazardous substances that may be present.

Reduction of Hazardous Substances

This device is compliant with the EU Registration, Evaluation, Authorisation and Restriction of Chemicals

(REACH) Regulation (Regulation No 1907/2006/EC of the European Parliament and of the Council) and the EU Restriction of Hazardous Substances (RoHS) Directive (Directive 2002/95/EC of the European Parliament and of the Council). For more information about the REACH compliance of the device, visit the Web site www.huaweidevice.com/certification. You are recommended to visit the Web site regularly for up-to-date information.

EU Regulatory Conformance

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For the declaration of conformity, visit the Web site www.huaweidevice.com/certification.

CE 0678 !

Note:

Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all member states of the European Union (EU).

Note:

This device may be operated in all member states of the EU.

France: Outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz.

Italy: For private use, a general authorisation is required if WAS/RLAN's are used outside own premises. For public use, a general authorisation is required.

Luxembourg: General authorisation required for network and service supply.

Norway: This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

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